THAT WHICH IS CLAIMED:

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- 1. A substantially oil-free closure cap liner or gasket composition comprising a blend of a thermoplastic elastomer, polybutylene and polyisobutylene.
- 2. The composition of Claim 1 further comprising a microcrystalline wax.
- 3. The composition of Claim 1 wherein said blend comprises, by weight, between approximately 40 to 70 parts thermoplastic elastomer, approximately 15 to 30 parts polyisobutylene and approximately 10 to 35 parts polybutylene.
- 4. The composition of Claim 1 wherein said blend comprises, by weight, approximately 65 parts thermoplastic elastomer, approximately 20 parts polyisobutylene and approximately 15 parts polybutylene.
- 5. The composition of Claim 2 wherein said blend comprises, by weight, approximately 65 parts thermoplastic elastomer, approximately 20 parts polyisobutylene, approximately 15 parts polybutylene and approximately 4 parts microcrystalline wax.
 - 6. The composition of Claim 1 wherein said thermoplastic elastomer comprises a polyolefin, a butyl-based rubber and a lubricant.
 - 7. The composition of Claim 1, wherein said composition exhibits a 100% modulus of greater than approximately 280 psi, a percent elongation of greater than approximately 400 and a tensile strength of greater than approximately 500 psi.
 - 8. A closure comprising;

a plastic shell having an end panel and an integral skirt downwardly extending from the periphery thereof;

said end panel having an inner surface;
a substantially oxygen impermeant liner
adhered to at least a portion of said inner
surface, wherein said liner comprises a blend of a
thermoplastic elastomer, polybutylene and
polyisobutylene.

9. The closure of Claim 8 wherein said thermoplastic elastomer comprises a polyolefin, a butyl-based rubber and a lubricant.

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- 10 10. The closure of Claim 8 wherein said thermoplastic elastomer comprises a block copolymer.
 - 11. The closure of Claim 8 wherein said blend comprises, by weight, approximately 40 to 70 parts thermoplastic elastomer, approximately 15 to 30 parts polyisobutylene and approximately 10 to 35 parts polybutylene.
 - 12. The closure of Claim 11 wherein said blend comprises, by weight, approximately 65 parts thermoplastic elastomer, approximately 20 parts polyisobutylene and approximately 15 parts polybutylene.
 - 13. The closure of Claim 8 wherein said blend further comprises a microcrystalline wax.
- 14. The closure of Claim 13 wherein said blend comprises, by weight, approximately 65 parts thermoplastic elastomer, approximately 20 parts polyisobutylene, approximately 15 parts polybutylene and approximately 4 parts microcrystalline wax.
 - 15. The closure of Claim 8 wherein said liner comprises a flat disk disposed over substantially the entire inner surface of said end panel.
 - 16. The closure of Claim 8 wherein said liner comprises an annular ring disposed over the peripheral portion of the inner surface of said end panel.

- 17. The closure of Claim 15 wherein said liner comprises an interior portion and a peripheral portion, said peripheral portion having a thickness greater than said interior portion.
- 5 18. The closure of Claim 17 wherein said peripheral portion has a thickness of approximately 0.030-0.035 inches.

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- 19. The closure of Claim 17 wherein said interior portion has a thickness of approximately 0.010-0.015 inches.
- 20. The closure of Claim 8 wherein said liner exhibits an average oxygen ingress rate of less than $14.0 \text{ cc/m}^2/\text{day}$.
- 21. The container closure of Claim 8 wherein said liner exhibits an average oxygen ingress rate of approximately 4.0-8.0 cc/m²/day.
 - 22. A method for providing a liner for a container closure comprising:

combining a thermoplastic elastomer with selected amounts of polyisobutylene and polybutylene;

mixing said thermoplastic elastomer with said polyisobutylene and said polybutylene to provide a blend; and

forming said blend into a circular liner.

- 23. The method of Claim 22 further comprising adding a microcrystalline wax prior to forming said blend into said liner.
- 24. The method of Claim 22 comprising combining 30 said thermoplastic elastomer with said polybutylene prior to adding said polyisobutylene.
 - 25. The method of Claim 22 comprising: providing a thermoplastic elastomer; combining polyisobutylene with said elastomer;

adding said polybutylene to said combination of elastomer and polyisobutylene.

- 26. The method of Claim 22 wherein said combining and mixing are carried out at a temperature not exceeding 225°C.
- 27. The method of Claim 26 wherein said combining and mixing are carried out at a temperature of approximately 180°C.
- 28. The method of Claim 22 comprising combining,
 by weight, approximately 40 to 70 parts thermoplastic
 elastomer with approximately 15 to 30 parts
 polyisobutylene and approximately 10 to 35 parts
 polybutylene.

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- 29. The method of Claim 22 comprising adding
 15 approximately 4 parts of said microcrystalline wax to said blend.
 - 30. The method of Claim 29 comprising combining, by weight, approximately 65 parts thermoplastic elastomer, approximately 20 parts polyisobutylene, approximately 15 parts polybutylene and approximately 4 parts microcrystalline wax.
 - 31. The method of Claim 22 further comprising forming said blend into said liner by injection molding or cold punch molding.
- 25 32. The method of Claim 22 comprising first combining polyisobutylene with an anti-blocking talc prior to adding said thermoplastic elastomer and said polybutylene.